COMBINED DECLARATION AND POWER OF ATTORNEY IN ORIGINAL APPLICATION

Attorney Docket No. AD-332J

As below named inventors, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to my name; that

We verily believe that we are the original, first and sole inventors (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled *Integrated Digital Calibration Circuit and Digital to Analog Converter (DAC)* described and claimed in the attached specification, that we understand the content of the attached specification, including the claims, that we do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by us or our legal representatives or assigns more than twelve months prior to this application, that we acknowledge our duty to disclose information of which we are aware which is known to be material to patentability in accordance with 37 CFR 1.56, and that we have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows: None.

We hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Joseph S. Iandiorio, Reg. No. 23,095

Jason D. Shanske, Reg. No. 43,915 Roy J. Coleman, Reg. No. 48,863 Thomas E. Thompkins, Jr., Reg. No. 47,136 R. Stephen Rosenholm, Reg. No. 45,283

Kirk Teska, Reg. No. 36,291

David W. Porier, Reg. No. 43,007

Address all telephone calls to Joseph S. Iandiorio or Kirk Teska at (781) 890-5678.

Address all correspondence to Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon

increon.		`	\ .
Full name of 1st or sole inventor Dennis A. Dempsey	Threntor's signature Dermis Dempsey		Date 3 July.
Residence Ballinveala, Crecora, Co. Limerick, Republic	of Ireland	Citizenship Ireland	Y
Post office address Ballinveala, Crecora, Co. Limerick, Republic	of Ireland		
Full name of 2nd inventor Thomas G. O'Dwyer	Inventor's signature for the	ger	Date 11 Thy 2003
Residence Shrawickeen, Clonlara, Co. Clare, Republic o	_	Citizenship Ireland	
Post office address Shrawickeen, Clonlara, Co. Clare, Republic of	f Ireland	`\	
Full name of 3rd inventor Oliver J. Brennan	Inventor's signature		Date Maly 2003
Residence 14 Park Avenue, Adare, Co. Limerick, Repu	ublic of Ireland	Citizenship Ireland	
Post office address 14 Park Avenue Adare Co. Limerick Repu	ablic of Ireland		

ATTORNEY DOCKET NO: AD-332J

Full name of 4th inventor Alan Walsh	Inventor's signature		Date		
Residence Ballycon, Mountlucas, Tullamore, Co. Offaly, Repub	lic of Ireland	Citizenship Ireland			
Post office address Ballycon, Mountlucas, Tullamore, Co. Offaly, Republic of Ireland					
Full name of 5th inventor Tudor Vinereanu	Inventor's signature		Date N コロレイ 2003		
Residence 6 Keysers Court, Frenches Quay, Cork, Republic of In	reland	Citizenship Romania			
Post office address 6 Keysers Court, Frenches Quay, Cork, Republic of Ireland					
Full name of 6th inventor	Inventor's signature		Date		
Residence	Citizenship				
Post office address					
Full name of 7th inventor	Inventor's signature		Date .		
Residence		Citizenship			
Post office address					
Full name of 8th inventor	Inventor's signature		Date		
Residence		Citizenship			
Post office address					
Full name of 9th inventor	Inventor's signature	× -	Date		
Residence		Citizenship			
Post office address					

ATTORNEY DOCKET NO: AD-332J

Full name of 4th inventor	Inventor's signature Alan Wal	0	$V_{\text{Date}} = \frac{6}{27} / 03$		
Alan Walsh	Man Way		0/2//00		
Residence Ballycon, Mountlucas, Tullamore, Co. Offaly, Republic of Ireland		Citizenship Ireland			
Post office address Ballycon, Mountlucas, Tullamore, Co. Offaly, Republic of Ireland					
Full name of 5th inventor Tudor Vinereanu	Inventor's signature		Date		
Residence 6 Keysers Court, Frenches Quay, Cork, Republic of I	reland	Citizenship Romania			
Post office address 6 Keysers Court, Frenches Quay, Cork, Republic of Ireland					
Full name of 6th inventor	Inventor's signature		Date		
Residence		Citizenship			
Post office address					
Full name of 7th inventor	Inventor's signature		Date		
Residence		Citizenship	Citizenship		
Post office address					
Full name of 8th inventor	Inventor's signature		Date		
Residence		Citizenship			
Post office address					
Full name of 9th inventor	Inventor's signature		Date		
Residence		Citizenship			
Post office address					